

07
MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

JULY, 1936

J. A. BROWN, DIRECTOR

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METEOROLOGICAL REGISTER

Date	Barometer reduced to 0C Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	56.5	56.0	56.7	56.4	30.0	21.3	27.3	28.7	24.1	26.7
2	6.9	6.3	6.4	6.5	30.6	21.7	27.5	27.4	24.2	26.4
3	6.2	5.8	5.3	5.8	31.1	23.8	27.7	29.9	24.6	27.4
4	4.2	4.1	4.6	4.3	31.7	23.4	28.4	30.6	24.9	28.0
5	5.3	5.6	5.9	5.6	31.9	22.8	28.2	30.3	24.7	27.7
6	56.4	56.7	57.4	56.8	30.3	22.9	28.1	30.1	24.7	27.6
7	7.1	7.5	7.6	7.4	31.0	21.9	28.4	29.4	24.3	27.4
8	7.4	7.0	7.0	7.1	31.1	22.0	28.1	29.6	25.3	27.7
9	7.0	6.0	5.7	6.2	31.3	22.0	27.8	30.5	25.6	28.0
10	5.6	5.5	5.6	5.6	31.9	21.9	28.4	31.2	25.2	28.3
11	55.4	55.2	55.6	55.4	31.8	21.8	28.4	29.9	25.4	27.9
12	4.8	4.6	4.9	4.8	32.0	24.0	29.1	31.4	25.6	29.7
13	4.4	4.0	4.6	4.3	33.1	23.9	29.2	31.6	25.7	28.8
14	4.2	4.2	4.2	4.2	32.3	24.1	28.8	31.9	25.9	28.9
15	6.4	6.2	7.0	6.5	32.8	23.4	29.4	31.5	25.6	28.8
16	57.6	57.1	57.4	57.4	32.7	24.0	27.9	31.4	24.9	28.1
17	7.5	7.4	6.8	7.2	32.3	24.0	28.9	31.7	25.5	28.7
18	5.6	4.9	4.0	4.8	33.1	24.0	29.1	32.3	26.5	29.3
19	4.0	3.0	3.1	3.4	32.9	24.0	29.4	31.6	26.7	29.2
20	2.4	2.3	1.8	2.2	33.2	24.7	29.6	31.9	26.7	29.4
21	51.5	51.7	51.7	51.6	32.7	25.2	28.8	31.6	26.8	29.1
22	1.9	3.5	4.0	3.1	33.6	23.6	29.8	32.9	26.8	29.8
23	4.3	4.6	5.0	4.6	32.8	23.0	29.2	32.2	25.1	28.8
24	5.4	5.2	4.9	5.2	32.2	23.4	28.9	30.8	26.1	28.6
25	4.4	4.4	4.7	4.5	32.6	23.9	28.9	31.8	25.7	28.8
26	54.8	55.0	55.1	55.0	31.4	23.7	29.5	31.2	26.2	29.0
27	4.3	4.1	4.9	4.4	32.2	24.9	29.3	30.7	26.5	28.8
28	3.2	2.4	2.5	2.7	33.0	24.1	29.8	32.4	27.2	29.8
29	0.2	49.8	0.1	0.0	34.8	26.1	27.4	32.9	27.2	29.2
30	0.8	51.1	1.5	1.1	33.6	24.9	30.7	32.8	27.3	30.3
31	2.0	1.6	1.7	1.8	33.4	24.4	30.2	32.9	26.8	30.0
	754.76	754.60	754.76	754.71	32.24	23.51	28.79	31.13	25.74	28.59

Barometer, range for month 749.8 mm. -757.6 mm.

50-yr. average for month 755.697 mm.

Thermometer, Range for month 21.3° C.—34.8° C.

50-yr. average for month 27.83° C.

Rain, total for month 0.000 mm.

50-yr. average for month 0.51 mm.

,, , total, Sept. 1st to end of month 877.682 mm.

50-yr. average, Sept 1st to end of month 907.05 mm

JULY 1936

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	23.3	23.3	21.3	18.0	17.1	16.7	17.3	68	58	75	67	12.2	
2	22.3	24.5	22.3	16.1	20.4	18.4	18.3	58	75	82	72	11.3	
3	22.9	21.7	22.7	17.1	14.0	19.0	16.7	61	43	83	62	13.0	
4	24.8	25.7	23.3	20.2	20.4	19.9	20.2	71	62	75	69	11.9	
5	24.8	25.2	23.2	20.4	19.6	19.8	19.9	72	60	85	72	12.6	
6	24.3	25.3	22.9	19.4	19.9	18.9	19.4	69	63	82	71	8.1	
7	23.4	24.6	22.5	17.4	19.1	18.8	18.4	60	62	83	68	6.2	
8	23.7	24.7	23.2	18.1	19.2	19.4	18.9	63	62	81	69	12.5	
9	24.8	25.8	23.8	20.6	20.8	20.4	20.6	74	63	94	74	13.0	
10	25.1	25.9	23.2	20.6	20.4	19.4	20.2	72	60	82	71	13.0	
11	24.5	25.0	23.4	19.5	19.4	19.7	19.5	68	61	81	70	13.0	
12	24.9	25.8	23.8	20.0	20.0	20.4	20.1	67	58	84	70	12.8	
13	25.1	25.9	23.9	20.1	20.1	20.6	20.2	66	57	84	69	12.5	
14	24.8	26.1	24.6	19.9	20.1	21.8	20.6	67	57	88	71	13.0	
15	24.9	25.4	24.1	19.8	19.1	21.0	20.0	65	55	86	69	12.8	
16	23.6	24.6	22.7	18.2	17.7	18.7	18.2	65	51	80	65	11.8	
17	24.3	25.4	23.9	16.7	18.9	19.9	19.2	63	54	76	64	10.8	
18	25.2	26.3	24.5	20.4	20.3	21.1	20.6	68	57	82	69	12.5	
19	22.9	26.4	24.5	16.1	21.0	20.9	19.3	53	60	81	65	12.8	
20	25.3	26.5	24.6	20.3	21.0	21.1	20.8	65	59	82	69	12.9	
21	24.2	23.2	24.2	18.6	15.2	20.1	18.0	62	43	77	61	12.7	
22	24.7	26.7	24.5	19.0	20.8	20.8	20.2	61	55	80	65	12.4	
23	24.5	24.3	21.9	19.0	16.8	17.2	17.7	62	48	73	61	12.7	
24	23.4	24.6	23.7	17.1	18.1	19.9	18.4	57	54	79	63	12.9	
25	24.4	25.5	23.5	19.0	19.0	19.7	19.2	64	54	80	66	13.0	
26	24.6	24.4	22.3	19.0	17.4	17.0	17.8	62	52	67	60	12.9	
27	23.2	23.9	23.3	16.6	17.0	18.6	17.4	54	51	72	59	10.4	
28	24.7	26.7	24.4	19.0	21.2	20.3	20.2	61	58	77	65	12.3	
29	26.1	26.6	24.2	23.7	20.5	19.9	21.4	88	55	75	73	12.7	
30	25.3	27.1	25.6	19.5	21.5	22.9	21.3	59	58	85	67	12.7	
31	25.2	26.6	24.5	19.6	20.5	20.8	20.3	61	55	80	65	12.6	
				19.07	19.24	19.78	19.36	64.7	56.8	80.0	67.2	12.13	

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	5cu	1cu	2cu	2.7	2sw	2sw	0	111.8	light	
2	0	6ciu	2ci	2.7	1sw	1sw	0	120.2	slight	
3	1cu	1cu	1cu	1.0	2sw	2w	1w	218.3	"	
4	1cu	1cu	0	0.7	3sw	3sw	2sw	717.6	mod.	
5	1cu	0	0	0.3	2sw	2sw	1sw	412.4	"	
6	1cu	1cu	2steu	1.3	1s	1sw	1w	120.1	light	
7	4steu	6steu	5steu	5.0	1sw	2sw	1w	238.1	slight	
8	1cu	2steu	1cu	1.3	1s	1sw	0	238.4	mod.	
9	2cu	3cu	7steu	4.0	2sw	2sw	1sw	202.8	slight	
10	3steu	0	0	1.0	1sw	1sw	1sw	240.8	"	
11	2steu	1steu	0	1.0	2sw	2sw	2sw	354.8	"	
12	1steu	2steu	1steu	1.3	2s	1s	2sw	374.8	"	
13	3steu	2cu	1cu	2.0	1s	2s	1s	316.0	light	
14	2steu	1cu	0	1.0	1s	2s	1s	377.3	slight	
15	1cu	0	0	0.3	1s	2s	1s	366.8	light	
16	3steu	0	0	1.0	1s	1sw	0	51.2	slight	
17	6steu	1cu	3cu	3.3	1sw	1sw	0	67.2	light	
18	5steu	2cu	0	2.3	1sw	1sw	1sw	53.4	slight	
19	4cu	1cu	0	1.7	1sw	2sw	1sw	124.7	"	
20	2steu	3cu	0	1.7	1sw	3sw	1sw	338.6	"	
21	2cu	3steu	0	1.7	2s	2sw	1sw	497.3	mod.	sirocco
22	0	3cu	2steu	1.7	2sw	2sw	1sw	494.9	rough	
23	3steu	2cu	0	1.7	1sw	2sw	1sw	285.0	mod.	sirocco
24	1cu	1cu	0	0.7	1sw	1sw	1sw	149.1	light	
25	1cu	2cu	0	1.0	1s	1sw	0	82.0	slight	
26	1cu	2cu	3cu	2.0	1s	2sw	1s	130.2	"	
27	1cu	5steu	4cu	3.3	1sw	1sw	0	150.3	"	
28	2cu	2cu	2cu	2.0	2sw	2sw	1sw	269.9	"	
29	2cu	0	0	0.7	2sw	1sw	1sw	130.6	calm	
30	0	1cu	0	0.3	2sw	1sw	0	188.0	light	
31	1cu	0	0	0.3	1sw	1sw	0 25	138.4	"	
				1.64	1.4	1.6	0.8	243.90		

NUMBER OF DAILY WIND OBSERVATIONS										
Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	0	10	21	0	0	0	31
14:30	0	0	0	0	4	26	1	0	0	31
20:30	0	0	0	0	4	15	3	0	9	31
Totals	0	0	0	0	18	62	4	0	9	93

Number of days with rain 0, thunderstorms 0, gales 0.

50-yr. average number of days with rain during month 0.2